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BULLETIN
GEORGIA ACADEMY OF SCIENCE

Volume X | June, 1952 | Number 2

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The President's Message

What are academy meetings supposed to accomplish? This question recurs to me now that a few months have put some perspective on the brilliant meeting held last April at Agnes Scott College.

An academy meeting, like any meeting of scientists, salesmen or educators is supposed to accomplish the exchange of information and ideas, but chiefly ideas, since the information, if valuable, gets published somewhere eventually.

Now there was a time when a man could claim science as his specialty, and by the time of the 18th century he could say that he was a scientist specializing in chemistry. By the end of the 19th century he would call himself a chemist specializing in physical chemistry. In the early twentieth century the physical chemist, out of several fields, could specialize in colloid chemistry, and within a quarter century might specialize in rheology. I don't know what a rheologist might specialize in, possibly viscosity of hydrocarbons.

The second World War has accelerated this trend toward speciali-

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zation, and yet curiously has served to bring many specialties together. We cannot compare science to a broad highway dividing and redividing into branches, but rather to several roads, whose ultimate finest divisions, the footpaths, are cut across by later footpaths as the directions change in which men wish to go. Nevertheless they remain footpaths still. So the new specialties often represent two paths crossing each other and using for a little space a common meeting ground instead of merging as we like to think the trends in science always do.

It becomes an imposing task for one individual to stay abreast with the information within his own specialty and it is an impossible one for him to keep up with the information and ideas accumulated in his general field, let alone those cognate areas which impinge upon his interests.

If you will grant that the chief goal of a meeting is to have ideas and information exchanged and disseminated, the best means of exchange is to have speakers who speak at the cross roads if I may force the simile further. In the past three years in which I have followed the programs closely, I have noticed a trend in the direction of symposia and general reviews. This is very gratifying, and I should like to see it become our tradition. Besides the fact that with a well-chosen review the audience is brought up to date in the field under discussion, there is certainly a better understanding and a more profitable use of the speaker's points than is likely to be the case in a highly technical paper.

By no means do I intend to minimize the usefulness of technical papers. The man who is sitting patiently and uncomprehendingly through ten minutes of new **Salmonella** antigens is really waiting for the next paper on the structure of the apical meristem in **Kalmia latifolia**. This information may determine the course of his own studies for a year. With any good meeting the best part is conducted in the question period, during recesses in the corridors, and over

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coffee; and the way to start this exchange of ideas is through the catalysis of a paper.

Yet it cannot be denied that a session composed entirely of research reports will leave the individual minds of the audience disengaged most of the time. There is the additional problem that the chairman of a section trying to garner enough papers to make a respectable session often meets frustrating competition with national meetings of the prospective speaker's special society. The solicited paper has either just been given or will be given in a month in Chicago or New York or St. Louis, and most speakers feel that there is something vaguely unethical about presenting a paper twice. If the paper promises to be one of general interest to the section there is no reason why it should be for export trade only. Another possibility is to persuade the speaker to give a somewhat longer talk on his entire research. Those who have an immediate interest can get more details in discussion and outside of sessions. Meanwhile the other auditors have learned something which may be integrated with the rest of their knowledge.

There is another advantage to such a request on the part of the chairman. A man who is asked to describe his latest research is liable to do exactly that, while one who is asked to describe his research in general will probably want to justify it, and in justifying it he must connect it with other lines of activity, and in connecting it he is almost forced to use a scientific vulgate or at least to define the esoteric terms of his own specialty.

There is the pressing matter of science education. I do not mean only education about science which in its baldest form is represented by newspaper and magazine reports of latest scientific accomplishments, but education in the understanding of science. That there is a serious deficiency here is shown by the fact that several universities are concerning themselves with courses in the methods of science, and we ourselves attest to this need through our most

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recently organized section, the one in the Philosophy and History of Science. There are other very practical problems in science teaching and the Annual Meeting could well be a time for discussing, and sometimes, partially resolving them. Particularly there is a gulf between the high school and the college instructor, stemming no doubt from the point of view similar to the arbitrary legal division between the child and the adult, so that at the instant one becomes twenty-one he loses the immunities of childhood and accepts the responsibilities of the adult. Thus the high school senior is mentally a child, while the college freshman is an adult. Three summer months do not make that much difference in the development of the individual and they should not be an unpassable gulf between the teachers of the high school senior and the college freshman.

Here is an excellent opportunity for the several sections of the Academy to bring together the high school and the college teachers for mutual understanding and benefit.

For two successive years the Biology Section of the Academy has had its teaching symposia on the Saturday following the Friday meeting. While a number of conflicts prevented the scheduling of the Teacher's Round Table at the last Annual Meeting, the next one should make it easily possible for not only the Biology, but also other sections as well to have joint discussions in science education. The task should be even easier than previously, since the Junior Academy and the Science Fair are convening this year a week earlier than the Senior Academy instead of simultaneously.

This message is concerned about one function of the Georgia Academy, the Annual Meeting. We have other duties and goals as well. At the last Council session Dr. Rubin Gotesky presented a number of points on how the Academy might function more usefully. I hope that the next issue of the Bulletin will have some concrete proposals on this subject.

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The miscellany

We regret very much the delay in this issue of the Bulletin. There had to be a transfer of material from Athens to Atlanta, and both Dr. Redmond, our new Secretary, and I have been feeling our way. We can appreciate the awesome task that Dr. Edwards carried for eleven years. Elsewhere in this issue Dr. Redmond gives some details of the addressing system which is being put into operation. The coding by sections will help greatly in arranging the Annual Meetings.

At the last Annual Meeting a proposal that the Junior Academy select a representative to the Council of the Senior Academy was heard sympathetically but tabled because of technical conflicts with the Constitution. Until these difficulties can be resolved, Mr. Eugene Sanders, Director of the Junior Academy, is appointed as consultant to the Council for the Junior Academy.

Committee appointments are yet to be made. With the reassembling of our talent in the Fall it will be easier to make up a list of committees which can then be announced in the December issue of the Bulletin.

There was an impressive number of requests for a printed version of Dr. van Niel's lecture given at the Agnes Scott Meeting. We have yet to hear from Dr. van Niel on this subject, but after many years acquaintance with this prompt scholar and tardy correspondent I expect an air mail special delivery letter in late October. It is Dr. van Niel's belief that no letter should be answered until after an induction period of at least six months and then it should be answered with the greatest possible dispatch.

It is with great regret that I accept Dr. Eugene Odum's resignation as editor of the Bulletin. Dr. Odum wrote that a very heavy load of work prevented him from doing justice to the task. For the time being the Bulletin is being edited by Dr. Redmond and ad hoc editorial aid.

Arthur L. Cohen
September 4, 1952

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From the Secretary's Office

The old adage that a new broom sweeps clean may be true but I doubt that the author had in mind the secretary of a scientific society. Following the years of brilliant work carried out by Dr. A. S. Edwards who charted the Georgia Academy through eleven years of progress, began publication of the Bulletin and kept it going with little or no help, and at the same time served as treasurer, it is no small undertaking to attempt to continue the work of the Secretary's office in the manner in which it has been done. To Dr. Edwards the Georgia Academy of Science owes a debt of gratitude and I wish to take this opportunity to say "Well Done." I am sure all members of the Academy will join me.

For the information of those who were not in attendance at the last annual meeting the amended constitution as published in the December, 1951 issue of the Bulletin was adopted. I shall not attempt to comment on the new constitution as all items are clearly stated and easily understandable. The one major change which I should like to call to your attention is the change in the officers. The secretary has been relieved of the treasury, and provision made for an editor of the Bulletin. The combined work of these three offices which was so ably conducted by Dr. Edwards for the past eleven years was a task considered too difficult for any one person. The resignation of the editor elected by

the members of the Academy left this position with a vacancy which has not been filled to the present time. In the meantime the remaining officers are attempting to get the Bulletin published. I should like to make this a personal request to each member to send to the secretary some item of news, an article that is of interest to other members, an announcement of a research program that is being conducted, the results of a research project or other material that can be made available to the Academy members. When there is sufficient material for publication I am confident the Bulletin will be enlarged and published more frequently. A publication cannot exist—is not worthy of existence—without sufficient material for publication. The Bulletin of the Georgia Academy of Science is not likely to become an important, full-fledged scientific publication overnight. It must grow as most things of importance have grown. We have an excellent beginning and can easily improve and enlarge the Bulletin with every one making an attempt to help. Let us have those articles and I can assure you that we shall have a finer Bulletin.

The importance of some features associated with the proposed Stone Mountain Project indicated that special efforts should be made to preserve the natural conditions prevailing in the area of, and, at certain sites on the mountain. A committee with Dr. W. B. Baker as chairman was requested to present resolutions to the assembled Academy proposing that special care be taken to preserve the unique flora and fauna of the Stone Mountain area during the period of work. The resolutions presented by Dr. Baker's committee will be found on page 21 of this bulletin. Copies were sent by the secretary to the persons suggested and favorable replies were received from Governor Talmadge and Mr. Douglas N. McCurdy.

It is the desire of the officers of the Academy to have each member in at least one of the six sections of the Academy. This will facilitate organization of the sectional programs of the annual meeting and also will aid the chairmen and secretaries of the various sections in providing better programs. The names, section number and address of each member is being placed on an addressing machine plate (card) using different colored cards for different sections. This will facilitate assembling the addresses of members of any one section for the chairman of that section, or for any other interested person.

In the present number of the Bulletin we have attempted to place as many persons as possible in the sections. Our information has been meager and has come from various sources. There are mistakes undoubtedly. Will you please overlook these and give the secretary the correction by mail as soon as possible. To those members who have no section number on the directory will you please return the inclosed card giving us this information at once. The sections are as follows: I. Biology; II. Chemistry; III. Geology, Geography and related fields; IV. Physics, Mathematics, Engineering and related fields; V. Psychology and Medicine; VI. Philosophy and History of Science. The names of the chairman and secretary of each section are given on page 21.

W. B. Redmond
September 8, 1952

19th Annual Meeting

The Academy received a most cordial invitation from Mercer University through Dr. G. L. Carver to hold its 1953 Annual Meeting there. A voice and letter poll of the Council obtained an affirmative response from all but one member who could not be reached. Therefore the 1953 Annual Meeting of the Academy will be held in Macon at Mercer University Friday and Saturday, April 24 and 25.

Please note that the Junior Academy will meet at Oglethorpe University and the Science Fair will be held there a week earlier, on April 16, 17 and 18.

Applied Psychologists in Georgia

Following an act of the State Legislation in 1951, and the approval of Governor Herman Talmadge, the first Board of Psychological Examiners was appointed and has finished the first year of its work. Interest in this Board and its activities lies not only in the fact that it is the first such Board in Georgia, but also the first in the United States.

The qualifications for license are on the level of the doctorate, at least one year of experience in applied psychology acceptable to the Board, and evidence of competence in applied psychology. The law provides that there shall be no infringement upon the practice of medicine, or interference wth psychologists working in institutions, business or industrial organizations, recognized religious organizations, social welfare agencies, federal, state, county, municipal agencies or in educational institutions. The license is required of anyone setting himself up in private practice as an applied psychologist, or doing private work for fees, aside from his regular employment.

The first State Board of Psychological Examiners consisted of A. S. Edwards, University of Georgia, Herman W. Martin, Emory University, and Laurence W. Ross, Savannah. Acting under the grandfather clause during the past year, thirty-seven licenses have been issued. Great care has been taken to do justice to all applicants. Some have not been granted licenses as being properly in other fields, as not yet being qualified, or as being outside the state of Georgia.

Worthy of note in the passing of the licensing law was the cordial good will and cooperation of members of the medical profession including psychiatrists.

Pioneer work in the licensing of applied psychologists is of more than passing interest. The list of the psychologists licensed during the first year of the Board's history is given below for permanent record:

APPLIED PSYCHOLOGISTS OF GEORGIA

licensed by

The State Board of Psychological Examiners

Robert Edwin Baggs.....530 East 41st St., Savannah
Children and adults, Psychotherapy and personality relation.

James Bailey Blanks.....LaGrange College, LaGrange
Consulting, Students and adults.

Euri Belle Bolton, Ph.D.....G.S.C.W., Milledgeville
Consulting, Children.

John Alfred Broxson, Ph.D.....923 Piedmont Ave., Atlanta
Broxson Psychological Clinic, Reading and learning.

Laurence Leonard Bryan.....207 East Lake Terrace, S.E., Atlanta
Personality, hypnotherapy.

Robert Paris Carroll, Ph.D.....Georgia State Department of Health, Atlanta
Consulting: general.

Mrs. Myrtie Cox.....308 Oak St., Atlanta
Counseling: Personal, educational and vocational.

Austin Southwick Edwards, Ph.D.....University of Georgia, Athens
Psychological counseling: tests and interpretations.

William Way Edwards, Jr.....896 Virginia Circle, N.E., Atlanta

James Mills Enneis.....Milledgeville State Hospital, Milledgeville
Group and individual therapy: In Institution.

Grace Marie Freyman.....Warm Springs Foundation, Warm Springs
Counstling, therapy, vocational and educational guidance: Polio-patients.

James Edward Greene, Sr., Ph.D.—130 Hope Ave., Athens
Consultation: Clinical and industrial.

Lenore M. Harvey—521 S. McDonough St., Decatur
Counseling: Client centered: Vets, Pl. 16,346,894.

Albert William Heyer, Jr., Ph.D.—805 Peachtree Bldg., Atlanta
Consulting: Business and industry.

Ralph T. Hinton, Jr., Ph.D.—4190 Redding Road, Chamblee
Psychotherapy: diagnosis and psychological evaluation: children and adults.

Robert Moore Hughes, Ph.D.—805 Peachtree Bldg., Atlanta
Private practice: clinical diagnosis and psychotherapy: adults and children.

Sidney Quentin Janus, Ph.D.—805 Peachtree Bldg., Atlanta
Consulting: Selecting, training and supervision: industry.

Granville B. Johnson, Jr.—Emory University, Emory University
Assistant in vocational business and educational testing, diagnosis, evaluation and guidance.

Jack Arthur Kraft, Ed.D.—880 Cardova Dr., N.E., Atlanta

Allen Ruskin Levin—U. S. Army Hospital, Fort Benning
Neuropsychiatric: Psychotic, psychoneurotic, behavior, speech, school problems.

William Robert Lowe, Jr.—Midville
Personnel officer, U. S. Air Force.

Hermon Wilkes Martin, Ph.D.—Emory University, Ga.
Measurement diagnosis: personality: counseling and psychotherapy: children, adolescent and adult.

Ottis K. McMahon, Ph.D.—805 Peachtree Bldg., Atlanta
Consulting for management.

Joseph E. Moore, Ph.D.—Georgia Institute of Technology, Atlanta
Industrial guidance and counseling.

Robert Travis Osborne, Ph.D.—Baldwin Hall, University of Georgia, Athens
Educational and vocational guidance: diagnosis, psychological testing: students and adults.

Louis Jerome Poetter—519 W. Cambridge Ave., College Park
Personality diagnosis and adjustment counseling: children and adults.

Henry Louis Pope, Jr., Ph.D.—VA Hospital, Augusta
Psychodiagnostic testing and individual psychotherapy: by referral only.

Arthur J. Riopelle, Ph.D.—Emory University, Georgia

Laurence Wilson Ross—Union Bag and Paper Corporation, Savannah
Vocational counseling and testing.

Marion Floyd Smith—20 W. Gaston St., Savannah

Isabella Thoburn—Wesleyan College, Macon

May A. Walker—481 Grant St., S.E., Atlanta

Leopold Winter, Ph.D.—VA Hospital, Augusta
Projective techniques, individual and group psychotherapy, personality dynamics: hospital veterans, private by referral only.

Harriet Christine Wyatt—805 Peachtree Bldg., Atlanta
Educational and vocational counseling and evaluation.

William Gatewood Workman, Ph.D.—Box 754, Davidson, North Carolina
Personal counseling.

Florene Mary Young, Ph.D.—Psychology Department, University of Georgia, Athens
Diagnosis and psychotherapy: students, children and non-students.

CHAIRMAN AND SECRETARY OF THE SECTIONS

Section and No.	Chairman	Secretary
I Biology	Dr. Clyde Keeler G. S. C. W. Milledgeville, Ga.	Dr. Clyde Keeler
II Chemistry		
III Geology, Geography	Dr. H. W. Straley, III Ga. Inst. of Tech. Atlanta, Ga.	Mr. R. J. Martin Emory Univ., Ga.
IV Physics, Mathematics, Engineering	Dr. W. A. Calder Agnes Scott Col. Decatur, Ga.	Dr. W. V. Neisius Ga. Inst. of Tech. Atlanta, Ga.
V Psychology, Medicine	Mrs. Emily Walker Emory Univ., Ga.	Miss Martha E. Schnebly Emory Univ., Ga.
VI Philosophy and History of Science	Dr. G. C. Seward Oglethorpe Univ., Ga.	Dr. G. C. Seward

August 26, 1952

Dear Dr. Cohen;

The Tennessee Academy of Science will hold its annual meeting in Chattanooga on November 28 and 29. I would like to extend a cordial invitation to you and to the other members of the Georgia Academy of Science to participate in this meeting. We will be glad to have your members attend our meetings and present any papers that they might care to.

I sincerely hope that you and many other members of the Georgia Academy of Science will find it possible to join with us in Chattanooga on this occasion.

With kindest personal regards to you, I am

Yours very sincerely
Carl K. Seyfert
President
Tennessee Academy of Science

Dr. Sam Meyer's article, "The Sticks Remain Unbroken" was published in the Bulletin of the Georgia Academy of Science—Volume IX, Number 3, December 1951.

We have since learned that this article had been previously published in the Journal of the Tennessee Academy of Science and we are happy to acknowledge the prior publication of this fine talk in the Journal of the Tennessee Academy.

Resolutions

Whereas:

Certain farsighted civic leaders of the State of Georgia have completed specific plans for the preservation and development of the Stone Mountain area as a state park with proper recreational facilities, and

Whereas:

Stone Mountain has been recognized for more than 100 years as one of the unique localities of the world as a restricted habitat for certain plants and animals found in no other place, and

Whereas:

Biologists from all parts of the world have made special trips to this area for the purpose of studying first hand the unique flora and fauna, and

Whereas:

In developing the park facilities

many of the native plants will be destroyed unless their restricted locations are designated and well marked, and

WHEREAS:

When once destroyed few if any of the native plants would be able to gain a new foot-hold and would be lost to science, and

WHEREAS:

The proper preservation of the native flora and fauna would add tremendously to the educational value of the park development from the viewpoint of scientists,

BE IT RESOLVED:

That Governor Herman Talmadge, the proper state officials involved, and the Stone Mountain Authority, Mr. Scott Candler, Chairman, Decatur, Georgia; Mr. Douglas McCurdy, Stone Mountain, Georgia; Mr. Murray Howard, 1130 Piedmont Avenue, N. E., Atlanta, Georgia, be requested to appoint an advisory committee of competent Botanists and Geologists whose duties will be

(1) To designate and properly mark the location of the rare plants so they may be protected during construction work and

(2) To consider the advisability of locating and planning an area in the over-all park development where the rare plants can be planted in masses and suitably protected in properly planned and conducted educational plots.

Respectfully Submitted,

April 18, 1952

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